

## Workshop on Regional, State, and Local Initiatives in Nanotechnology

September 30 - October 1, 2003

Location: U.S. Department of Commerce  
14<sup>th</sup> St. and Constitution Ave., N.W., Main Auditorium  
Washington, DC

To register, please go to <https://srw.nano.gov>

### AGENDA

Purpose: To provide regions, states and localities with information, models, and networking opportunities to assist them in developing, launching, and nurturing nanotechnology initiatives.

Sept. 30, 2003 (Dept. of Commerce, Main Auditorium, 14<sup>th</sup> St. and Constitution Ave., N.W.)

08:30        **Welcome** (M. Roco, Chair NSET, NSF)  
08:35        **Introduction:** Purpose of the Workshop (Clayton Teague, Director NNCO)  
08:45        **Keynote Speech:** Federal Perspective (Hon. Phillip Bond, Undersecretary for  
                 Technology Administration, Dept. of Commerce)  
09:10        **Keynote Speech:** State Perspective (TBD)  
09:30        **Plenary Speech:** Cluster-Based Models of Regional High Technology Economic  
                 Development and Commercialization (Mary Jo Waits, Arizona State Univ.)

#### Case Studies

09:50        **State/Corporate Partnership Case Study:** New York (Jo Anne Feeney)  
10:10        **State/University Partnership Case Study:** California (CNSI) (Fraser Stoddart)  
10:30        **Break** (opportunity for one-on-one discussion)  
10:50        **Regional/University Case Study:** Oklahoma (Warren Ford, invited)  
11:10        **Local-led Network Cluster Case Study:** Chicago area (Atomworks, Sean Murdock)  
11:30        **State-Sponsored Initiative Case Study:** Pennsylvania (Ben Franklin Part., Barry Stein)  
11:50        **Lunch** (Reagan Bldg. Across street with food courts available)  
13:15        **Panel Discussion:** Lessons learned from case studies (panel will consist of case-study  
                 speakers, possibly others)  
14:00        **Breakout Sessions:** (in parallel)  
                 I. Starting a Successful Nanotech Initiative (led by Sean Murdock)  
                 II. Growing and Maintaining a Healthy Nanotech Initiative (led by Mark Modzelewski)  
16:00        **Plenary Session:** oral presentations by breakout session leaders reporting back on results  
                 of breakouts  
16:30        **Prepared Talk:** Nanotechnology Workforce Development and Education (N. Swami)  
16:50        **Prepared Talk:** Nanotechnology Research Infrastructure Development (Larry Goldberg,  
                 NSF)  
17:10        **Prepared Talk:** Economic Development and Commercialization (Mark Modzelewski)  
17:30        **Open Discussion:** self-organization to establish working groups or other means for  
                 ongoing coordination among federal, regional, state, and local activities (led by Mark  
                 Modzelewski, Sean Murdock, Nathan Swami; other volunteers invited)  
18:00        **Reception and Poster Session** for workshop participants, at Department of Commerce,  
                 Technology Demonstration Center, Room 4813, 14<sup>th</sup> St. and Constitution Ave., N.W.  
                 (posters consisting of content from materials that each initiative submitted for the  
                 handouts and Web site in advance of the workshop)

Oct. 1, 2003 (Dept. of Commerce, Main Auditorium, 14<sup>th</sup> St. and Constitution Ave., N.W.)

**Discussion on Future Activities**

- 09:00            1. Nanotechnology workforce development and education  
(Short selected presentations followed by discussion led by N. Swami and/or Pennsylvania groups: Barry Stein, BFTP and Stephen Fonash, Penn State)
- 09:45            2. Nanotechnology research infrastructure development  
(Short selected presentations followed by discussion led by M. Roco, NSET, and Tom Picraux, Arizona)
- 10:30            3. Focus on economic development and commercialization  
(Short selected presentations followed by discussion led by Mark Modzelewski)

**Summary/Wrap-up Sessions**

- 11:15            Focus on best practices, case studies, success stories  
(Opportunity for short volunteered presentations followed by discussion; led by Mark Modzelewski and Sean Murdock; sign-up for these presentations will be during the meeting)
- 11:55            **Concluding Remarks** (M. Roco, C. Teague, state/regional reps, workshop leaders)
- 12:00            **Lunch**
- 1:00             **Report drafting session**  
Open to any participants from the workshop who wish to play a role in preparing the final report. Focused around potential chapters for the final report, as follows:
- Best practices & lessons learned
  - How to build an initiative
  - Workforce development and education
  - Research infrastructure development
  - Economic development and commercialization
- 4:00            Adjourn